



## Nucleonica Progress Meeting

When: Wednesday, 24<sup>th</sup> January 2007  
Where: ITU, Wing C, green room

Dokumenta / Dialogika:  
Carsten Grammes  
Henning Fries  
Christian Lambert

ITU: Joseph Magill  
Jean Galy  
Raymond Dreher

### Preliminary Agenda

10:00	Technical discussion / "to do" list /maintenance contract (all)
12:00	<i>Lunch</i>
12:45	Discussion of web hosting requirements (all)
13:30	ORIGIN Graphics (all)
14:00	Future activities (all)
14:30	general presentation on Wikis with discussion of Nucleonica Wiki
16:00	End of meeting

## ORIGIN

Current problems with Origin. Origin is designed as a desktop application (in which it might be brilliant) but it does not fit well into a pure server environment (without user interface and with programs running as services). Many of the seen problems with graphics not working are due to problems arising therefrom. Even if Origin is widely used in the scientific community we feel a strong need to replace it ASAP by sth. more stable in a service environment.

Future "big" tasks?

1. on-line training course
2. electronic version of the Karlsruhe nuclide chart
3. personal knowledge management centre
4. own web crawler development
5. webLASAIR
6. email alerts
7. online payments
8. maintenance contract
9. full "ask an expert" site (consult a scientist)

## **Consolidation of above tasks:**

### Online Registration Module

- This can be used for online registration of participants for training courses (name, address, affiliation, tel., email, etc.)
- It can also be used for the Karlsruhe Nuclide Chart Errata + Discussions (see example)
- It can also be used for the Ask an Expert (registration + uploading questions + uploading of answers from the expert)
- Register for email alerts
- Register for online payments
- Q&A for training courses

### Electronic / online version of the Karlsruhe Nuclide Chart

The current version of the Karlsruhe chart in Nucleonica should be separated out to become an independent application. For optimum flexibility, we think it best to go for an online version rather than a cd-rom version. Customer will have to register and pay for the use of this website. There will be an important errata/discussion section where all aspects of the products (brochure, fold-out chart, wallchart will be discussed – also by users).

We see the biggest technical problem in "drawing" of the nuclides (plus data in each box), generating an electronic file (e.g. pdf) and sending this for printing. This, if successful, would overcome the tedious process of typing the data in by hand to a quark express program.

### Own web crawler

This would be particularly useful for, among other things, searching nuclear science journals (or their abstracts) for new published data on radioactive nuclides.

Note: on arXiv.org full papers can be searched.

### Personal knowledge management centre

This is vague at present...Does Dialogika any experience in this area?

One example of what is possible is a new service from Nature called Connotea ([www.connotea.org](http://www.connotea.org)) which is a online reference management tool. Perhaps we could do something for the nuclear science community along these lines?

On blogs, see <http://cosmicvariance.com/> - one of the best!!